

Claim Amendment

Claim 1 (currently amended) A pod for packaging content 30 such as foods, coffee, Chinese medicines, and the like, the pod comprising:

two sheets of packaging means 12 for wrapping content 30 with upper and lower portions thereof, said content 30 being formed to be tablet shape,

side margins 54 packaging the content 30 to be wrapped at upper and lower portions to each other thereby defining three-dimensional shape of the content 30 and structure of the pod 40, and

mechanical interfacing means 50 formed at side margins 54 of the packaging means 12 for sensing state of the pod 40 and transport it.

Claim 2 (currently amended) A pod for packaging content 30 such as foods, coffee, Chinese medicines, and the like, the pod comprising:

two sheets of packaging means 12 for wrapping content 30 with upper and lower portions thereof, said content 30 being formed to be tablet shape,

an o-ring 20 inserted and arranged between the two sheets of packaging means 12 wrapping upper and lower portions and for containing content inside space thereof;

side margins 54 formed at the packaging means 12 wrapping the o-ring 20 in which the content 30 is contained by interconnecting upper and lower portions thereof, and defining three-dimensional shape of the content 30 and structure of the pod 40, and mechanical interfacing means 50 formed at side margins 54 of the packaging means 12 for sensing state of the pod 40 or transporting it.

Claim 3 (currently amended) The pod of Claim 1 ~~or Claim 2~~, wherein the mechanical interfacing means 50 is constructed by including at least one selected from the following elements formed at side margins 54 of the packaging means 12;

- punching regularly,
- attaching ring 74 regularly,
- making regular folds,
- forming regular recesses,

- attaching magnetic chips regularly, which may be read by a reader,
- attaching magnetic tapes regularly, which may be read by a reader,
- attaching magnetic bands regularly, which may be read by a reader,
- printing and marking with magnetic inks, which may be read by a reader,
- attaching semiconductor chips regularly, which may be read by a reader, and
- attaching function button regularly, which may be read by a reader.

Claim 4 (currently amended) The pod of Claim 1 ~~or Claim 2~~, wherein a cutting line 57 or a tear off line 55 is formed at connection portion of the several pods 40 aligned side by side through cutting a part of the packaging means 42 to be linear or hemi-spherical shape, so that pods 40 can be detached easily by pulling them from each other with small forces.

Claim 5 (currently amended) The pod of Claim 1 ~~or Claim 2~~, wherein the packaging means 42 is made of materials selected from resins, the glass transition temperature or softening temperature of which is above the boiling temperature of 100C, selected from a group consisting of plastic materials such as LDPE(low density polyethylene), HDPE (high density polyethylene), PP (polypropylene), PS (polystyrene), ABS resin, PC(polycarbonate), polyester, PET complex resin, EVOH(ethylene vinyl alcohol), PVDC (polyvinylidene chloride) and the like or multi-layer complex sheets including metallic thin film (aluminum, stainless and the like) /plastic.

Claim 6 (currently amended) An extraction method for the pod 40 containing such as foods, coffee, Chinese medicines, and the like, the method comprising the steps of:

standing by an extraction command after sensing first pod 40 from several pods aligned side by side in sequence;

cutting a cutting line 55 formed between the first and second pods 40 based on the extraction command;

moving the cut pod to an extraction position along a slide 73 or a rotation shaft 75 by hanging rings 74 into engaging holes 53a formed at transporting means with the mechanical interfacing means 50 counting the number of the recognition holes 53b; loading the pod by closing a cavity 94 containing the pod 40; opening the pod received in the cavity 94 by means of an orifice 93; extracting the content of the pod by injecting hot water or vapor through the orifice 93 and solving the content to discharge via discharge outlet 95; and discharging the extracted pod after moving to a discard position from the cavity 94 after extraction of the content 30.

Claim 7 (currently amended) An extraction device of a pod packaging contents such as foods, coffee, Chinese medicines, and the like, by means of a mechanical interfacing means, the device comprising:

transporting means 70 for moving several pods connected continuously and containing content to an extraction position; and

extracting means 90 for extracting content contained in the pod moved to the extraction position.

Claim 8 (new) The pod of Claim 2, wherein the mechanical interfacing means is constructed by including at least one selected from the following elements formed at side margins of the packaging means;

- punching regularly,
- attaching ring regularly,
- making regular folds,
- forming regular recesses,
- attaching magnetic chips regularly, which may be read by a reader,
- attaching magnetic tapes regularly, which may be read by a reader,
- attaching magnetic bands regularly, which may be read by a reader,
- printing and marking with magnetic inks, which may be read by a reader,
- attaching semiconductor chips regularly, which may be read by a reader, and
- attaching function button regularly, which may be read by a reader.

Claim 9 (new) The pod of Claim 2, wherein a cutting line or a tear off line is formed at connection portion of the several pods aligned side by side through cutting a part of the packaging means to be linear or hemi-spherical shape, so that pods can be detached easily by pulling them from each other with small forces.

Claim 10 (new) The pod of Claim 2, wherein the packaging means is made of materials selected from resins, the glass transition temperature or softening temperature of which is above the boiling temperature of 100C, selected from a group consisting of plastic materials such as LDPE(low density polyethylene), HDPE (high density polyethylene), PP (polypropylene), PS (polystyrene) , ABS resin, PC(polycarbonate) , polyester, PET complex resin, EVOH(ethylene vinyl alcohol), PVDC (polyvinylidene chloride) and the like or multi-layer complex sheets including metallic thin film (aluminum, stainless and the like) /plastic.